

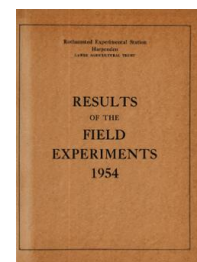
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Yields of the Field Experiments 1954

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54/R/A/6 Hoosfield Exhaustion Land - Barley

Rothamsted Research

Rothamsted Research (1955) *54/R/A/6 Hoosfield Exhaustion Land - Barley* ; Yields Of The Field Experiments 1954, pp 10 - 10 - DOI: <https://doi.org/10.23637/ERADOC-1-184>

54/A/6

BARLEY - EXHAUSTION LAND HOOSFIELD 1954

For history, details of treatments etc., see "Results of the Field Experiments 1952", Section A/6.

Cultivations, etc.: Ploughed: Sept 2, 1953 and again Oct 21. Seed drilled at 3 bushels per acre, sulphate of ammonia applied: Mar 16, 1954. Harvested: Aug 28. Variety: Plumage Archer.

Summary of Results

Manuring to Potatoes 1876-1901*	Yields (at 85% dry matter): cwt per acre	
	Grain	Straw
1 Unmanured	16.2	20.5
2 Unmanured after 6 years dung	19.0	28.3
3 Dung	29.9	32.1
4 Dung	28.7	32.9
5 Ammonium salts	20.5	22.1
6 Nitrate of soda	17.2	25.3
7 Ammonium salts and complete minerals	27.8	30.5
8 Nitrate of soda and complete minerals	27.0	34.7
9 Superphosphate	23.8	28.4
10 Complete minerals	26.6	31.0

*For certain changes see history.

Mean dry matter % as harvested, Grain: 81.4
Straw: 81.2